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No. 41] NEW DELHI, SATURDAY, OCTOBER 13, 1979 (ASVINA 21, 1901)

इस भाग में भिन्न पृष्ठ संख्या वाली जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड २

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 13th October 1979

APPLICATION FOR PATENTS FILED AT THE
(HEAD OFFICE)

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

6th September 1979

929/Cal/79. Polyair Maschinenbau Ges. M. B. H. Process of manufacturing pneumatic tires and apparatus for carrying out the process.

930/Cal/79. American Cyanamid Company. Process for preparing 2, 6-dinitroaniline herbicides. [Divisional date February 18, 1978.]

931/Cal/79. Muhr Und Bender. Shears and/or punches.

932/Cal/79. Muhr Und Bender. Shears.

933/Cal/79. Laboratoire Roger Bellon. Novel naphthyridine derivatives, intermediates thereof, and processes for preparation thereof.

934/Cal/79. Cummins Engine Company, Inc. Test apparatus and method for an engine mounted fuel pump.

7th September 1979

935/Cal/79. Les Emballages DE Quevilly. Process for packaging powdery or granular products in flexible packages and installation for implementing this process.

936/Cal/79. Maschinenfabrik Rieter A. G. Drive for drafting arrangement rolls of long spinning machines.

937/Cal/79. Maschinenfabrik Rieter A. G. Spinning ring made from steel for ring spinning and ring twisting machine.

938/Cal/79. Combustion Engineering, Inc. Steam separator to reduce carryunder.

939/Cal/79. Westinghouse Electric Corporation. A power metal-oxide-semiconductor-field-effect-transistor.

10th September 1979

940/Cal/79. Hoechst Aktiengesellschaft. Anthraquinone-azo compounds, their preparation and their use as dyestuffs.

941/Cal/79. Hoechst Aktiengesellschaft. Anthraquinone-azo compounds, a process for their preparation and their use as dyestuffs.

942/Cal/79. Hoechst Aktiengesellschaft. Dyestuff preparations containing oxalkylates of modified natural rosin acids.

943/Cal/79. Hoechst Aktiengesellschaft. Non-lonogenic compounds on the basis of modified natural rosins, their manufacture and their use as interface-active agents.

944/Cal/79. Hoechst Aktiengesellschaft. Interface active compounds on the basis of natural rosin acids.

945/Cal/79. Mitsubishi Jukogyo Kabushiki Kaisha. Cargo handling equipment

946/Cal/79. Toshin Kogyo Co. Ltd. Method and apparatus for correcting errors of feeding of endless belt in automatic screen printing.

947/Cal/79. Tex Innovation AB. Method and apparatus for packaging commodities. (September 11, 1978).

948/Cal/79. Kestrel Chemicals Limited. Polyvinyl chloride containing a filler.

11th September 1979

- 949/Cal/79. G. L. Granda. Cartridge-type pivotal pin and bushing joint.
- 950/Cal/79. Bakelittfabrikken A/S. Method of producing molded bodies of expanded plastic.
- 951/Cal/79. General Electric Company. Polycrystalline diamond and/or cubic boron nitride body.

12th September 1979

- 952/Cal/79. Chong Min Ho. Machine for separation of stalks from tea leaves.
- 953/Cal/79. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Hydromechanical plane having cutting and breaking heads. [Addition to No. 376/Cal/78].
- 954/Cal/79. Diamond Shamrock Corporation. Air-depolarized chlor-Alkali cell operation methods.
- 955/Cal/79. Westinghouse Electric Corporation. Glass sealed power thyristor.
- 956/Cal/79. S. C. Runciman and J. R. Thompson. Constant feed device. (September 15, 1978).
- 957/Cal/79. Sintokogio Ltd. Molding machine.

**APPLICATIONS FOR PATENTS FILED AT THE
(DELHI BRANCH)**

20th August 1979

- 594/DEL/79. Ciba-Geigy AG., "1-N, N-Dimethylcarbamoyl-3(5)-alkyl-5-(3)-alkylthioalkylthio-1, 2, 4-triazoles, a process for their manufacture, compositions which contain them and their use in pest control".
- 595/DEL/79. Fletcher Sutcliffe Wild Limited. "Mine roof Supports". (September 16, 1978).
- 596/DEL/79. Union Carbide Corporation. "Cryogenic System for producing Low-Purity Oxygen".

21st August 1979

- 597/DEL/79. Carrier Corporation. "Refrigeration Compressor Capacity Control Means and Method".

22nd August 1979

- 598/DEL/79. Santal Equipamentos S. A. Comercio E Industria. "Harvester of Sugar Cane or Similar Products".
- 599/DEL/79. Council of Scientific & Industrial Research. "Multi Stage Atomising Burner".
- 600/DEL/79. Phool Chand Jain and Kashmir Chand Jain. "A new improved Goblet".

23rd August 1979

- 601/DEL/79. Union Carbide Corporation. "Threaded Connections".
- 602/DEL/79. The Standard Oil Company. "Improvements in the process for the preparation of Acrylonitrile or Methacrylonitrile". [Divisional Date July 7, 1978].

24th August 1979

- 603/DEL/79. Schering Aktiengesellschaft. "Herbicidally active diurethanes and their manufacture and use".

27th August 1979

- 604/DEL/79. The Director General, Cement Research Institute of India. "A Steel fibre reinforced concrete shaped product".
- 605/DEL/79. Dr. Nanduri Atchuta Ramaiah and Dr. Sushil Kumar Srivastava. "A bagasse pol and Moisture reducer composition. [Divisional date June 18, 1977].

- 606/DEL/79. The Director General, Cement Research Institute of India, "A Shuttle".

- 607/DEL/79. Director General, Cement Research Institute of India. "A process for the manufacture of fibre reinforced concrete".

29th August 1979

- 608/DEL/79. Shri P. C. Pandian. "Simple wheel type film screen viewer by rotation for 16 pictures".

- 609/DEL/79. Societe Internationale De Mecanique Industriels S.A. "Fluid seal Assembly".

- 610/DEL/79. Telefonaktiebolaget L M Ericsson. "A method of and an arrangement in a telecommunication system for regulating the phase position of a controlled signal in relation to a reference signal".

- 611/DEL/79. Edouard Klay. "Screw Rotary Piston Machine".

30th August 1979

- 612/DEL/79. Harald Skjervold. "Improvements in relation to artificial insemination (AI)".

- 613/DEL/79. Svenska Rotor Maskiner Aktiebolag. "Adjusting means of rotary Regenerative sector plate heat exchanger".

31st August 1979

- 614/DEL/79. Ravinder Singh. "A pressure Cooker".

- 615/DEL/79. A. R. Godbole. "An Adhesive".

- 616/DEL/79. Solent & Pratt (Engineering) Ltd. "Valve". (September 19, 1978 and August 23, 1979).

- 617/DEL/79. Newport Pharmaceuticals International, Inc. "9-(Hydroxy Alkyl) Purines".

- 618/DEL/79. Newport Pharmaceuticals International Inc. "Immunomodulators and Antiviral Agents".

**APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH)**

31st August 1979

- 162/Mas/79. Lucas Industries Ltd. Servo Boosters for Vehicle Braking Systems. (September 1, 1978).

- 163/Mas/79. Swayat Alums. (Under Trade Name of 'SURYA' Brand) Non-Ferric Aluminium Sulphate which is an improvement in and or relating to manufacturing of the said compound by an invented process known as 'ALCOSA PROCESS'.

1st September 1979

- 164/Mas/79. S. Ganesan, K. N. Shanmugam and M. I. Salt. Electronic Earth Leak Preventor.

- 165/MAS/79. Eastern Laminations. Improvements in or relating to Plastic Coating Over Fabrics.

3rd September 1979

- 166/Mas/79. Grip Products of India. Gripab.

- 167/Mas/79. Desai Technical Services. "Cyclonome" which are suitable as living structures particularly for cyclonic prone areas based on Integrated Monolithic Structure capable of absorbing wind pressure without disturbing the members of the house as it is now being felt in the existing known device of existing houses.

6th September 1979

- 168/Mas/79. K. S. Venketraman. An improved Fluid Pressure Regulating Apparatus.

- 169/Mas/79. K. P. Goud. Production of Steam From Gases (New Method).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents or any of the applications concerned at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given

notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on or before as indicated in respect of each such application, on the prescribed form 15 or the each opposition, The written statement of Opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

The Classification given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Karam Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India), Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 27-O. 146868.
Int. Cl.-E04c 1/00.

WALL CONSTRUCTION AND METHOD OF CONSTRUCTION.

Applicant : AMERICAN VOLKSCASTLE INTERNATIONAL, INC., OF 2601 EAST OAKLAND PARK BOULEVARD, FORT LAUDERDALE, FLORIDA 33306, UNITED STATES OF AMERICA.

Inventor : ARTHUR PERRIN.

Application No. 1213/Cal/76 filed July 8, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A wall structure comprising two slabs of reinforced concrete on opposite sides of a plurality of hollow core members arranged in an array along the center line of the wall with interconnections between said slabs at spaced intervals, said core members each having a pair of spaced apart side surfaces parallel to the line of said wall in an underlying and spaced relationship of a reticulated layer of reinforcing material overlying said core members and embedded within the concrete of said slabs contacting said core member sidewalls, characterized in that portions of both side surfaces of adjacent core members are in contact to form an air-filled array of core members conterminous with the span of said wall slabs having no cementitious material interconnections and said slab interconnection comprise high tensile strength, non-cementitious shafts penetrating transversely through said core members at spaced intervals over the span of said array.

Comp. Specn. 5 pages. Drgs. 5 Sheets.

CLASS 107K. 146869.
Int. Cl.-F16k 51/00, F16k 25/00.

IMPROVEMENTS IN A MUSHROOM-TYPE VALVE COOLED BY COOLING FLUID CIRCULATION.

Applicant : SOCIETE D'ETUDES DE MACHINES THERMIQUES—S.E.M.T., OF 2, QUAI DE SEINE-93202 SAINT DENIS, FRANCE.

Inventor : ALBERT HAUG.

Application No. 1896/Cal/76 filed October 16, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A valve, in particular for an internal combustion engine, of the mushroom-type cooled by circulation of a cooling fluid such as oil and composed of a stem and an annular

head forming two members assembled to one another, and comprising two substantially longitudinal conduits, i.e. a cooling-fluid supply conduit and a return conduit, respectively, machine in the valve stem and communicating with two substantially transverse conduits, i.e. a supply and a return conduit, respectively, machined in the valve head and themselves communicating with an annular chamber machined in the said head, characterized by the combination of the assembling of the head on the stem by brazing the same along the whole of their interface, and by the substantially uniform free sectional area of passage of the cooling fluid in the whole of the valve, in the stem as well as the head thereof.

Comp. Specn. 9. Pages. Drgs. 1 Sheet.

146896.

CLASS 166B.
Int. Cl.-B63b 21/24.

IMPROVEMENTS IN OR RELATING TO ANCHORS.

Applicant & Inventor : PETER BRUCE, C/O. MR. ALEX BRUCE, 19, CRAIGHALL GARDENS, EDINBURGH EH6 4RH, SCOTLAND, GREAT BRITAIN.

Application No. 1047/Cal/76 filed June 15, 1976.
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An anchor including a fluke having a burial surface thereon which in a vertical working burial attitude of the anchor is inclined relative to the horizontal to be penetrable into the mooring bed when dragged thereover whereby forces are developed by the burial surface to cause burial of the anchor, and a shank member located in a fore-and-aft plane of symmetry of the anchor and attached to the fluke and having an end adapted as a cable attachment point, the fluke having portions curved or bent transversely to give the fluke overall a substantially concave upwards-facing working surface, wherein the fluke portion located at one side of the plane of symmetry of the anchor is arranged such that, when the anchor is pulled through the mooring bed in a vertical burial attitude, the centre of the peak pressure focus zone produced in the mooring bed soil by the working surface of the fluke portion, due to relative movement and consequent impingement of the soil thereon, is located substantially clear of the shank member and clear of the forward path of burial movement to be followed by the shank member in the soil.

Comp. Specn. 12 Pages. Drgs. 3 Sheet

146897.

CLASS 129G.
Int. Cl.-B23p 3/09.

METHOD OF BONDING METAL PLATES BY EXPLOSIVES.

Applicant : INDIAN EXPLOSIVES LIMITED, OF 34, CHOWRINGHEE, CALCUTTA 700016, WEST BENGAL, INDIA.

Inventors : GOPAL MOHAN CHOPRA AND SRINIVASACHARI SESHAN.

Application No. 1521/Cal/76 filed August 20, 1976.

Complete specification left November 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A method of bonding two metals by explosives which comprises proving a flier metal on or within a backing metal with a predetermined air gap therebetween, the surfaces, of said flier and backing metals being free of contaminants, placing an explosive being without a self-explosive and having a VOD (velocity of detonation) less than the sonic velocity of the said metals and a predetermined density range, directly or indirectly on said flier metal and detonating said explosive whereby the said flier metal is caused to impact on said backing metal at such a velocity resulting in the bonding of said metals.

Prov. Specn. 10 Pages. Comp. Specn. 19 Pages. Prov. Drg. 1 Sheet. Comp. Drg. 1 Sheet.

CLASS 206E. 146898.
Int. Cl.-H01l 15/02.

METHOD OF PRODUCING RIBBON-LIKE CRYSTAL-LIKE BODIES FOR USE IN FABRICATING SOLAR CELLS.

Applicant : MOBIL TYCO SOLAR ENERGY CORPORATION, OF 16, HICKORY DRIVE, WALTHAM, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor : K. V. RAVI.

Application No. 1907/Cal/76 filed October 19, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A method of producing ribbon-like crystalline bodies for use in fabricating solar cells comprising the steps of:—

- (a) providing a tubular crystalline body of one type of semiconductor material,
- (b) dividing said tubular body lengthwise into a plurality of ribbon-like bodies, and
- (c) forming a junction of opposite conductivity before said tubular body is divided or in said ribbon like bodies.

Comp. Specn. 20 Pages.

Drg. 1 sheet

CLASS 206E. 146899.
Int. Cl.-H01l 15/02.

MANUFACTURE OF SEMI-CONDUCTOR RIBBON AND SOLAR CELLS.

Applicant : MOBIL TYCO SOLAR ENERGY CORPORATION, OF 16 HICKORY DRIVE, WALTHAM, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor : ABRAHAM ISSAC Mlavsky.

Application No. 1908/Cal/76 filed October 19, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A method for producing substantially monocrystalline ribbons for use in fabricating solid state electronic devices comprising the steps of :

(a) providing a substantially monocrystalline body of a semiconductor grade material in the form of a flat oval tube having a pair of opposed mutually spaced substantially flat side wall sections connected together by a pair of opposed edge sections; and

(b) severing said opposed side edge sections from said tube so that said side wall sections are separated as discrete ribbons.

Comp. Specn. 20 Pages.

Drg. 1 Sheet.

CLASS 123. 146900.
Int. Cl.-C05f 9/02.

IMPROVED DEVICE FOR TURNING AND AERATING COMPOSTING MATERIALS.

Applicant & Inventor : DR. TARAPADA MUKHERJEE, 2, FERN PLACE, CALCUTTA-19, WEST BENGAL, INDIA.

Application No. 1/Cal/78 filed January 2, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A device for turning and aerating of composting material comprising a specially shaped drum made of two annular rings placed at the two ends, joined together alternately by a number of two types of specially shaped horizontal blades at equal spacing surrounding the periphery of the said drum;

the drum being further consists of one or more annular gears in the form of rings arranged inside the blades and rigidly fixed at their outer periphery with the blades, the inside gear of the said ring meshing with one or more pinions located inside the drum to provide slow rotation of the drum; every alternate blade usually provided with teeth at the outer periphery for breaking the material from the stack or windrow; the drum support and carriage structure being fitted with flanged wheels for movement on rails.

Comp. Specn. 8 pages.

Drg. 2 Sheets.

CLASS 129G. 146901.
Int. Cl.-B21k 5/12, B23d 63/00, 65/00, 73/00, B23p 15/28.

A WIRE SAW AND A METHOD OF FORMING THE SAME.

Applicant & Inventor : GEORGE HENRY HALL, AT POST OFFICE BOX 244, WESTFORD, MASSACHUSETTS, UNITED STATES OF AMERICA.

Application No. 546/Cal/77 filed April 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A wire saw having an elongated metallic wire body of sufficient flexibility to be formed into a laterally flexible endless loop capable of being driven around at least a pair of sheaves, characterized in having a plurality of blocks of composite comminuted abrasive in a bonding matrix mounted in spaced-apart relation to one another along said body and;

a plurality of layers of flexible metal, each layer being metallurgically bonded to a corresponding one of said blocks and sandwiched between said body and said corresponding block so as to extend substantially completely between each of said corresponding blocks and said body, each of said layers being bonded to the periphery of said body by an elastically-pliant, epoxy-based adhesive.

Comp. Specn. 19 Pages.

Drg. 1 sheet.

CLASS 72C & D. 146902.
Int. Cl.-C06c 7/00.

DELAY BLASTING ASSEMBLY.

Applicant : CANADIAN INDUSTRIES LIMITED, OF P.O. BOX 10, MONTREAL, H3C 2R3, PROVINCE OF QUEBEC, CANADA.

Inventor : DAVID MARTIN WFLSH.

Application No. 144/Del/77 filed June 29, 1977.

Convention date July 2, 1976/256, 213/76) CANADA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

A non-electric delay blasting assembly adapted to be initiated by means of low energy detonating cord or low energy shock wave conductor tubing comprising a cup-shaped metallic shell open at one end and containing in sequence from the bottom and within said shell, at least one explosive charge, a delay train and a resilient closure plug, said closure plug comprising a cylindrical body having a central channel therethrough divided into two cylindrical compartments by means of an integral rupturable diaphragm located across said channel, one of said compartments being in communication with said delay train and the second of said compartments being adapted to receive therein in gripping relationship the energy transmitting end of a length of low energy detonating cord or low energy shock wave conductor tubing.

Comp. Specn. 8 Pages.

Drg. 1 sheet.

CLASS 129C. 146903.
Int. Cl. B23b 39/16 & 45/00.

MULTI SPINDLE MACHINE HAVING ROTATING AND DISPLACEABLE SPINDLES.

Applicant & Inventor: PULYA MRUTYUNJAYA SUBRAMANYA GANESH, NO. 7, SIVAPRAKASAM STREET, MOUNTROAD, MADRAS-600002, TAMIL NADU.

Application No. 203/Mas/76 filed October 21, 1976.

Complete Specification Left. October 17, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims.

A Multi spindle machine having rotating and displaceable spindles comprising a splined shaft on which a plurality of driver bevel gears are slidably mounted, the splined shaft being driven by a prime mover through a drive system, each of the said spindles being mounted at the lower end of a pinion bevel gear through a thrust bearing housing and engaging one of the above said driver bevel gears such that the horizontal rotary motion of the splined shaft is converted into the vertical rotary motion of the spindles, each thrust bearing housing accommodating a thrust bearing, the lower portion of a pinion bevel gear and the upper portion of a spindle, the bottom portion of the thrust bearing housing being slideable on a base plate, and means being provided for clamping it at any desired position on a clamping shaft.

(Prov.—3 sheets; Com.—5 sheets; Drgs.—4 sheet).

CLASS 24F. 146904.
Int. Cl.-B60t 7/00.

SOLENOID-OPERATED MODULATOR MEANS FOR MODULATING THE BRAKE PRESSURE OF A MOTOR VEHICLE.

Applicant: ASPRO, INC., OF THE RIVERSIDE BUILDING, WESTPORT, CONNECTICUT 06680, UNITED STATES OF AMERICA.

Inventor: CARMELI ADAHAN.

Application No. 1568/Cal/76 filed August 25, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims.

Solenoid-operated modulator means for modulating the brake pressure of a motor vehicle having a master cylinder, and a plurality of wheel brake cylinders associated with the wheels, respectively, of the vehicle comprising :

(a) a valve body containing a pumping chamber and including inlet and outlet ports communicating with said pumping chamber, said inlet and outlet ports being adapted for communication with said master cylinder and with one of said wheel cylinders, respectively, said valve body also including a normally open by-pass passage directly connecting said inlet and outlet ports to by-pass said pumping chamber;

(b) first check valve means normally isolating said outlet port from said pumping chamber, and second check valve means normally isolating said pumping chamber from said inlet port;

(c) a reciprocatory pumping member extending at one end through a bore contained in said valve body and terminating in said pumping chamber;

(d) main solenoid means alternately operable between energized conditions for reciprocating said pumping member, said main solenoid means including :

(1) a stator rigidly connected with said valve body;

(2) a linearly movable armature connected with the other end of said pumping member for linear armature connected with the other end of said pumping member for linear displacement relative to said stator between first and second end positions, thereby to effect relatively large stroke pumping operation;

(3) main spring means biasing said armature toward one of said end positions; and

(4) resilient abutment means arranged for compression by said armature when said armature is in its other end position, thereby to increase the pumping pressure produced by said pumping member with relatively small stroke operation of the armature when the pressure of said main spring means is overcome by the fluid back pressure appearing at the outlet port;

(c) by-pass control means for closing said by-pass passage; and

(f) means for alternately energizing and de-energizing said solenoid means, thereby to reciprocate said pumping member, whereby when said by-pass passage is in the closed condition, fluid is pumped from said inlet port to said outlet port.

Comp. Specn. 30 Pages.

Drg. 3 Sheet.

CLASS 205H & I.
Int. C.-B60b 21/04, 1/10, 25/10.

INTEGRALLY BUILT AND CURED TIRE AND WHEEL ASSEMBLY.

Applicant: THE GOODYEAR TIRE & RUBBER COMPANY, AT 1144, EAST MARKET STREET, AKRON, OHIO, UNITED STATES OF AMERICA.

Inventor: VITO ALFRED CARAVITO.

Application No. 1936/Cal/76 filed October 26, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A tire and rim assembly in which said tire is of a closed torus type and has at least one carcass ply that is joined in the tread area to provide a circumferential splice, a circumferentially extending tread portion, a radially inner wall engaging the rim and a pair of sidewalls connecting the respective axially outer edges of said tread portion and radially inner wall and having a pair of inextensible bead cores disposed adjacent the axially outer edges of said inner wall; and said rim is an annular unitary rigid member of a flat base type having flanges disposed at its axially outer edges and axially outwardly of the pair of bead cores, said flanges having a larger diameter than the minimum diameter of said inextensible bead cores.

Comp. Specn. 17 Pages.

Drg. 1 Sheet

CLASS 67C & 129J.
Int. Cl.-B21b 39/00.

ARRANGEMENT FOR AUTOMATIC CONTROL OF THE TRANSFER CARS OR BLOOMIN AND SLABBING MILLS.

Applicant & Inventor: AIZIK GRIGORIEVICH BIRFELD, OF NOGOGIREEVSKOE SHOSEE, 18/31, KV. 5, MOSCOW, USSR; OLEG FEDOROVICH SHOMIN, BELSHAYA DEROGOMILOVSKAYA, 10, KV.2, MOSCOW, USSR; ISAK LITMANOVICH RONIN, OF SVERDLOVSK, ULITSA 40 LET OKTYABRYA, 30, KV. 7 USSR; AND NIKOLAI VENIAMINOVICH EREMEEV, OF SVERDLOVSK, ULITSA ORDZHONIKIDZE 3, KV. 49, USSR.

Application No. 726/Cal/77 filed May 16, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An arrangement for automatic control of the transfer cars of blooming and slabbing mills, comprising transmitters of the codes of said transfer cars, each such transmitter being mounted on the respective one of said transfer cars and having a current collector; section-wise trolley wires connected in to a closed ring, which said current collector of each said code transmitter is adapted to contact; decoders in a quantity equaling that of the sections of said trolley wires, having the inputs thereof connected to said sections of said trolley wires; units for interlocking the traffic of said transfer cars mounted one per each section of said trolley wires; a transfer car speed master control unit, adapted to send control signals to said transfer cars, depending on their positions along the portions of a rail track, defined by the sections of said trolley wires; a unit following up the positions of said transfer cars; a unit for on-line programming of the halting points of said transfer cars for loading same; the outputs of each said decoder being connected with the inputs of said follow-up unit, of the respective one of said interlocking units and of said speed master control unit, other inputs of said speed master control unit being connected with the inputs of said interlocking units and of said on-line programming unit, the inputs of said on-line programming unit being connected

with the outputs of said follow-up unit, controlled by signals representing the completion of loading of said transfer cars.

Comp. Specn. 18 pages. Drags. 1 sheet.

CLASS 72B. 146907.
Int. Cl. C06b, 11/00, 15/00, 19/00 & C06c and 1/02.

IMPROVED AQUEOUS BLASING COMPOSITION AND A METHOD FOR PREPARING THE SAME.

Applicant: IRECO CHEMICALS, OF SUITE 726 KENNECOTT BUILDING, SALT LAKE CITY, UTAH 84133, UNITED STATES OF AMERICA.

Inventor: DANIEL AARON WASSON.

Application No. 1246/Cal/77 filed August 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims. No drawings.

An aqueous blasting composition having a continuous aqueous phase and comprising inorganic oxidizer salt such as hereinbefore defined, water, immiscible liquid hydrocarbon fuel such as hereinbefore defined finely dispersed throughout the aqueous phase, and thickener; characterized in that it includes a crystal habit modifier such as hereinbefore defined to reduce the crystal size of the oxidizer salt and thereby stabilize the fine dispersion of the immiscible liquid hydrocarbon fuel throughout the composition.

Comp. Specn. 21 pages. Drawing Nil.

CLASS 32F,b. 146908.
Int. Cl. A01n 9/20, 9/38.

PROCESS FOR THE PREPARATION OF NEW PHOSPHORIC ESTERS DERIVED FROM 1, 2, 4-TRIAZOLE HAVING AN INSECTICIDE, NEMATOCIDE AND ACARICIDE ACTION.

Applicant: MONTEDISON S.P.A., OF 31, FOROBONO-NAPARTE, MILAN, ITALY.

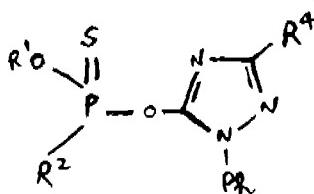
Inventors: FRANCO GOZZO, PIER MARINO BOSCHI AND ANGELO LONGONI.

Application No. 1606/Cal/77 filed November 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

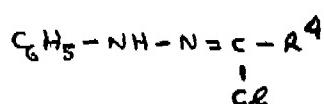
Process for the preparation of insecticide, nematocide and acaricide compounds of formula shown in Fig. 1.



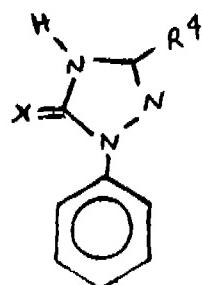
wherein : R¹=alkyl with from 1 to 5 carbon atoms; R²=OR¹, R¹, C₆H₅, NHR¹, N(R¹)₂; R⁴=vinyl; vinyl substituted with one or more chlorine or bromine atoms; vinyl substituted with : aryl groups, alkyl groups with from 1 to 4 carbon atoms; O-alkyl groups with from 1 to 4 carbon atoms, S-alkyl groups with from 1 to 4 carbon atoms; haloalkyl having chlorine or bromine atoms and having 1-3 carbon atoms; acetyl; cyclohexenyl; benzoyl; 1CH-R⁵ [wherein R⁵=OH, CH₃]

O-C-R¹
O-C-vinyl, O-C-halovinyl having chlorine or bromine atoms,
O-C-polyhalovinyl having chlorine or bromine atoms,
O-C-haloalkyl having chlorine or bromine atoms, Cl,
SR¹, OR¹, NHR¹, N(R¹)₂-C-CH₂SR¹; [wherein R¹ and R² have the meanings above reported]

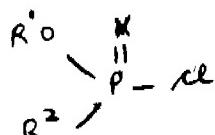
characterized in that an α -chloro- α -R⁴-formilidenephenyl-hydrazine of formula shown in Fig. 2.



[wherein R⁴ has the meanings above reported] is treated with ammonia in a polar solvent at room temperature and subsequently with phosgene in benzene in the presence of a base and at a temperature of 15–20°C obtaining the triazole of general formula shown in Fig. 3.



[wherein R⁴ has the meanings above reported and X=O] which is treated with an aqueous concentrated solution of an alkaline base to yield its alkaline salt which is dissolved in a polar solvent and reacted with a thiophosphoryl-chloride of formula shown in Fig. 4.



(wherein R¹, R² have the meanings above reported and X=S), affording the compounds of general formula shown in Fig. 1.

Comp. Specn. 20 Pages. Drags. 4 Sheet.

CLASS 32F,b & 55E. 146909.
Int. Cl. C07d 39/12, A61k 25/00.

A PROCESS FOR PREPARATION OF NEW INDOLO-QUINOLIZINE MONOESTERS, DIESTERS OF NITRILES.

Applicant: RICHTER GEDEON VEGYESZETI GYAR RT, 21, GYOMROI U, BUDAPEST X, HUNGARY.

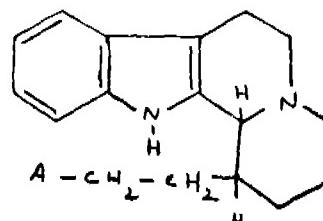
Inventors: CSABA SZANTAY, LAJOSZ SZABO, GYORGY KALAUS, EGON KARPATI AND LASZLO SZPORNY.

Application No. 1785/Cal/77 filed December 29, 1977.

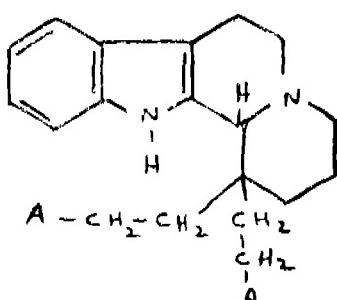
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

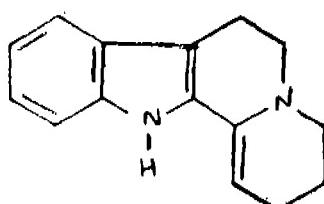
A process for the preparation of octahydro-indolo-[2,3-a] quinolizines of the general formulae (IA).



and/or (1B).



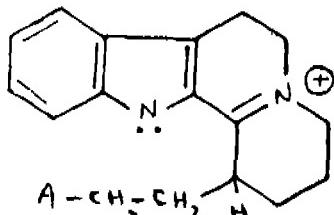
and their pharmaceutically acceptable salts wherein A represents a cyano group or a group of the formula -COOR and R is a C1-6 alkyl group, characterized in that 2, 3, 4, 6, 7, 12-hexahydro-indolo [2, 3-a] quinolozine of the formula (III).



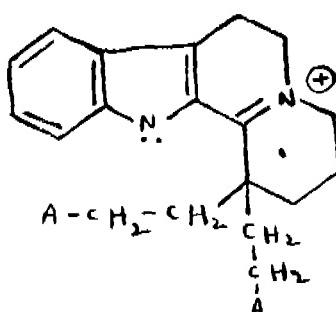
is reacted with a compound of the general formula (IV).



wherein A is as defined above, the resulting compound of the general formula (IIA).



and/or (IIB).



either as a mixture or individually isolated, wherein A is as defined above, is reduced in a known manner, the resulting compounds of the general formulae (Ia) and (Ib) wherein A is as defined above are optionally separated from each other, the compound of the general formula (Ia) and/or (Ib), wherein A is as defined above, being when described converted into its pharmaceutically acceptable acid addition salt in a known manner.

CLASS 180.
Int. Cl. F24b1/00.

146910.

AN IMPROVED REGENERATIVE SMOKELESS DOMESTIC OVEN.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventor: TAPAN KUMAR BHATTACHARYYA, AND ALOK KUMAR MAJUMDAR.

Application No. 169/Del/77 filed July 26, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Delhi Branch.

4 Claims.

An improved regenerative smokeless domestic oven comprising a central open chamber provided with a grate at the bottom and a surrounding annular chamber closed at the bottom having a removable top cover wherein coal particles and wood chips are placed and form semicoke and charcoal respectively due to heat when fuel is burn in the central open chamber, characterised in that the oven is provided with a bottom gas reservoid placed in an annular pot and a piping to transfer ignitable gas liberated in the said surrounding annual chamber to said bottom gas reservoid and to a gas burner for use.

Comp. Specn. 7. Drgs. 2 sheets.

CLASS 144E2.
Int. Cl. C09d, 1/04.

146911.

A PROCESS FOR PREPARING SILICONBASED HEAT-RESISTANT ALUMINIUM PAINT.

Applicant: CHIEF CONTROLLER RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW DELHI, INDIA.

Inventor: DR. LALIT MOHAN PANDE, AJIT KUMAR MUKHERJEE, SHYAM DEO SHARMA.

Application No. 184/Del/77 filed on August 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims. No drawings.

A process for preparing a silicon based heat resistant aluminium paint which comprises the steps of reacting a silicon compound of formula SiX_4 , where X is halogen or the radical OR where R is an alkyl radical having 2 to 8 carbon atoms or an aryl radical phenol with an alcohol selected from primary or secondary alcohols having 2 to 8 carbon atoms to give a tetra-alkoxy aryloxy silane of formula $(\text{RO})_2\text{SiR}_2$ where R is as defined before followed by subjecting the thus obtained product to conventional catalytic polymerization under polymerization conditions per se to obtain polyalkoxy/aryloxy siloxanes whereafter the thus obtained polymer is mixed with leafing aluminium paste.

Comp. Specn. 8 pages. Drawing Nil.

CLASS 139A.
Int. Cl.-C01b 31/07.

146912.

IMPROVED PROCESS FOR THE MANUFACTURE OF CARBON FIBRES FROM POLYACRYLONITRILE FIBRES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors: DR. OM PRAKASH BEHL AND DR. LALIT MOHAN MANOCHA.

Application No. 192/Del/77 filed August 12, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims. No drawings.

An improved process for the manufacture of carbon fibres from polyacrylonitrile polymer fibres by heating the same under tension in an oxidising atmosphere and further heating the so preoxidised fibres at up to 1000°C in an inert atmosphere characterised in that the temperature of the polymer fibres in the oxidising atmosphere is raised at a slow rate of heating of from 2—10°C/minute.

Comp. Specn. 11 Pages. Drags. Nil.

CLASS 32F.
Int. Cl.-C07d 7/14, 7/16.

146913.

PROCESS FOR THE PREPARATION OF SUBSTITUTED 2H-PYRAN-2, 6(3H)-DIONE DERIVATIVES.

Applicant: SMITHKLINE CORPORATION, OF 1500 SPRING GARDEN STREET, CITY OF PHILADELPHIA, COMMONWEALTH OF PENNSYLVANIA, 19101, UNITED STATES OF AMERICA.

Inventors: KENNETH MEANS SNADER AND CHES-TER RHODES WILLIS.

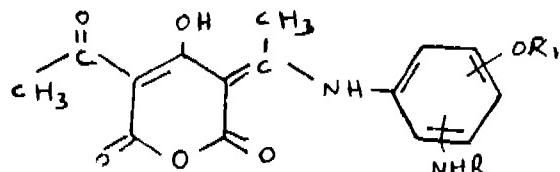
Application No. 314/Del/77 filed October 12, 1977.

Convention date December 1, 1976/(50051/76) U.K.

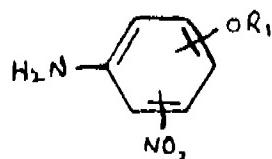
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims.

A process for the preparation of compounds of the formula I.



where R is hydrogen or methylsulfonyl, and R₁ is hydrogen or lower alkyl of from 1 to 4 carbon atoms, which comprises reacting 3, 5-diacetyl-4, 6-dihydroxy-2H-pyran-3-one with a nitroaniline of the formula II.



where R₁ is as hereinbefore defined, and hydrogenating in any known manner with a catalyst such as herein described the nitro substituted derivative produced, and where a compound of formula I where R is methylsulfonyl is required subsequently reacting the product where R is hydrogen with methane sulfonyl chloride.

Comp. Specn. 11 Pages. Drags. 1 sheet.
CLASS 130B.

146914.

Int. Cl.-M22b 11/08.
GOID RECOVERY.

Applicant: CRUCIBLE S.A., OF 14 RUE ALDRINGEN, LUXEMBOURG.

Inventor: WOJCIECH JERZY ZALESKI.

Application No. 322/Del/77 filed October 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for recovering gold from a gold bearing liquor arising from a cyanidation process includes the steps of treating the liquor with ozonised air or ozonised oxygen, adsorbing the gold values from the treated liquor on activated carbon, and recovering the gold values from the loaded activated carbon.

Comp. Specn. 8 Pages. Drgs. 1 sheet.

CLASS 55E+F+60X 2a.

146915.

I.C.C. 12d 9/00+C 12K 3/00

PROCESS FOR THE SOLUTION OF HIGROSTATIN FROM STREPTOMYCES RUBRO HIGROSTATICUS NOV. SP.

Applicant: HOECHST PHARMACEUTICALS LIMITED, OF HOECHST HOUSE, NARIMAN POINT, 193, BACK-BAY RECLAMATION, BOMBAY-400 021, MAHARASHTRA, INDIA.

Inventors: 1. DR. RATTAN SOODI, 2. RAMA IYER RAMCHANDRA, 3. NAREN MADHUBHAI GANDHI AND 4. PANDURANG VITHAL DIVEKAR.

Application No. 432/Bom/76 filed December 10, 1976.

Comp. specification left March 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

5 Claims.

1. A process for the isolation of Hygrostatin from *Streptomyces rubrohygrostaticus* nov. sp. comprising separating *Streptomyces rubrohygrostaticus* nov. sp. from soil in a known manner such as serial dilution, cultivating *Streptomyces rubrohygrostaticus* nov. sp. by fermentation under aerobic conditions in a nutrient medium of the kind described, separating the mycelium from the fermentation broth in a known manner such as herein described and recovering and purifying the Hygrostatin from the mycelium in a known manner such as herein described.

(Prov. specn. 13 pages), (Comp. specn. 15 pages).

OPPOSITION PROCEEDINGS

The opposition entered by Orissa Cement Limited to the grant of a patent on application No. 143331 made by Council of Scientific & Industrial Research as notified in Part III, Section 2 of Gazette of India dated the 27th May 1978 has been treated as withdrawn.

CORRECTION OF CLERICAL ERROR UNDER

SECTION 78(3)

(1)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No. 143504 (earlier numbered as 1999/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 10th December 1977 has been corrected to read as "A method of drawing and ironing thin-walled cylindrical articles from flat metal sheet", under Section 78(3) of the Patents Act, 1970.

(2)

The title of the invention in the application and specification as well as opening description of the specification of Patent application No. 143597 (earlier numbered as 1301/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 31st December 1977 has been corrected to read as "Slide closure for use in liquid melt containers and a process of assembling the same" under Section 78(3) of the Patents Act, 1970.

(3)

The title in the application and specification as well as opening description of the specification of application for patent No. 143620 (earlier numbered as 1663/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 7th January, 1978 has been corrected to read as "A process for producing film-grade polymer of ethylene" under Section 78(3) of the Patents Act, 1970.

(4)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No. 143825 (earlier numbered as 1937/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February 1978 has been corrected to read as "A loader for a tire press and a side by side loading device" under Section 78(3) of the Patents Act, 1970.

(5)

The title of the invention in the application and specification as well as the opening description of the specification of Patent Application No. 143826 (earlier numbered as 2020/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February, 1978 has been corrected to read as "Mold structure" under Section 78(3) of the Patents Act, 1970.

(6)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 143876 (earlier numbered as 1446/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th February 1978 has been corrected to read as "A process for producing oxygen and/or nitrogen in the liquid state", under Section 78(3) of the Patents Act, 1970.

(7)

The title in the application, specification and also opening description of the specification of application for Patent No. 143917 (earlier numbered as 2494/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th February, 1978 has been corrected to read as "an internal combustion engine piston and a combination of the piston and a cylinder liner" under Section 78(3) of the Patents Act, 1970.

(8)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 143938 (earlier numbered as 1411/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 4th March, 1978 have been corrected to read as "insulated electrical conductor and a dynamo electric machine incorporating the same", under Section 78(3) of the Patents Act, 1970.

(9)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 144223 (earlier numbered as 1160/Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 8th April, 1978 has been corrected to read as "A method and apparatus for applying closure to containers and containers closed thereby", under Section 78(3) of the Patents Act, 1970.

(10)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No. 144260 (earlier numbered as 1553/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 15th April, 1978 has been corrected to read as "A process for the production of submarine piping section, the piping section so produced and a submarine piping string incorporating the same". under Section 78(3) of the Patents Act, 1970.

(11)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No. 144330 (earlier numbered as 485/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 29th April 1978 has been corrected to read as "An internal combustion engine of the rotary valve type", under Section 78(3) of the Patents Act, 1970.

(12)

The title of the invention in the application and specification and as well as opening description of the specification in respect of Patent Application No. 144402 (earlier numbered as 790/Cal/75) the acceptance of the complete specification

of which was notified in Part III, Section 2 of the Gazette of India dated the 29th April 1978 has been corrected to read as "A glass melting tank and a method of producing molten glass using such a tank" under Section 78(3) of the Patents Act 1970.

(13)

The title of the invention the application and specification as well as opening description of the specification of application for Patent No. 144416 (earlier numbered as 1746/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 6th May, 1978 has been corrected to read as "electrical capacitor having an improved dielectric system and a method of fabricating the same", under Section 78(3) of the Patents Act, 1970.

(14)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No. 144438 (earlier numbered as 1517/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 6th May, 1978 has been corrected to read as "Method and apparatus for trimming a container body and a container body trimmed thereby", under Section 78(3) of the Patents Act, 1970.

(15)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No. 144661 (earlier numbered as 1749/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 3rd June, 1978 has been corrected to read as "A multi-layer reflector and a gas discharge laser incorporating it", under Section 78(3) of the Patents Act, 1970.

(16)

The title of the invention in the application and specification as well as opening description of Patent Application No. 144691 (earlier numbered as 2079/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 17th June, 1978 has been corrected to read as "process of making a one-piece assembly by friction welding and the one-piece assembly obtained therefrom", under Section 78(3) of the Patents Act, 1970.

(17)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No. 144751 (earlier numbered as 1537/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 1st July 1978 has been corrected to read as "Process and apparatus for the production of perforated metal foil".

(18)

The title in the application and specification as well as opening description of the specification of application for Patent No. 145058 (earlier numbered as 276/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 19th August, 1978 has been corrected to read as "a substantially rigid container fitted with a removable lid and a method of fitting a lid to the container body", under Section 78(3) of the Patents Act, 1970.

(19)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 145197 (earlier numbered as 2008/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 9th September, 1978 have been corrected to read as "A flexible tubular element a method of making rigid

support structure and a pliable fabric for use in preparing said structure", under Section 78(3) of the Patents Act, 1970.

(20)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No. 145226 (earlier numbered as 1807/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 9th September, 1978 has been corrected to read us "A process for scouring desizing and bleaching cotton greige goods", under Section 78(3) of the Patents Act, 1970.

(21)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No. 145298 (earlier numbered as 1521/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 23rd September, 1978 has been corrected to read as "A press for making sheet materials" under Section 78(3) of the Patents Act, 1970.

(22)

The title of the invention in the application and specification as well as the opening description of the specification of Patent Application No. 145593 (earlier numbered as 2142/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th November, 1978 has been corrected to read as "A process for producing cable-fitting around a plastics insulated electric cable and the plastics insulated electric cable so obtained", under Section 78(3) of the Patents Act, 1970.

(23)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 145608 (earlier numbered as 512/Cal/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th November, 1978 has been corrected to read as "A method for the manufacture of cladded bars, flats, sheets or strips and cladded metallic bars also manufactured" under Section 78(3) of the Patents Act, 1970.

(24)

The title of the invention in the application, specification and also opening description of the specification of application for Patent No. 145675 (earlier numbered as 23/Del/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th November, 1978 has been corrected to read as "Antigen strip or disc for conducting tests relating to contact dermatitis and a process for its preparation, under Section 78(3) of the Patents Act, 1970.

PATENTS SEALED

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CESSATION OF PATENTS

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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

| | Name | Appln No. |
|---|---|-----------|
| Class 1. No. 147976. Ramniklal Lalji Waghela, an Indian national of 5, Matru Chhaya, Chandani, Koliwada, Thana, State of Maharashtra. "A device for holding and hanging garments, papers and other articles in sheet form". January 18, 1979. | Battelle Memorial Institute.—690/Cal/79. | |
| Class 3. No. 147977. Shyam Sunder Sharma, No. 12, New Street, Pellavaram, Madras 600043, Tamil Nadu, India, Indian National. "Container". January 19, 1979. | Bayer Aktiengesellschaft.—477/Del/79, 488/Del/79, 541/Del/79. | |
| Class 3. No. 147985. Majestic Rubber Industries, Basti Bawa Khel, Kapurthala Road, Jallundur-144 021, Punjab State, an Indian Partnership Firm duly registered under the Indian Partnership Act, 1932. "Foot mats". January 20, 1979. | Behari, J.—492/Del/79. | |
| Class 3. No. 147988. Tip Top Plastic Works, 297, Abdool Rehman Street, Bombay-400003, State of Maharashtra, India, an Indian Proprietary concern. "Container". January 20, 1979. | Belsund Sugar Co. Ltd., The.—748/Cal/79. | |
| Class 3. No. 147989. Om Parkash & Sons, 1421-53/9, Gate Hakkiman, Amritsar-143001, Punjab State, an Indian Partnership concern. "Pen". January 22, 1979. | Bharat Heavy Electricals Limited.—504/Del/79, 505/Del/79, 506/Del/79, 512/Del/79, 513/Del/79. | |
| Class 4. No. 147986. Memory Electric Company, Railway Road, Kapurthala, Punjab State, an Indian Partnership Firm duly registered under the Indian Partnership Act, 1932. "End shield cover for electrical switches". January 20, 1979. | Bhatia, S. L.—514/Del/79. | |
| Class 10. No. 147981. Maya Plastic Industries, Shed No. 7, Udyognagar, Chitra, Bhavnagar, Gujarat State, an Indian Proprietary Firm. "Footwear". January 19, 1979. | Bindra, T. (Mrs).—521/Del/79. | |

Name Index of applicants for patents for the month of July 1979 (Nos. 672/Cal/79 to 797/Cal/79, 195/Bom/79 to 214/Bom/79, 121/Mas/79 to 142/Mas/79 and 477/Del/79 to 549/Del/79).

| Name | Appln. No. |
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| (A) | |
| AB Scaniainventor,—791/Cal/79. | |
| Ahmedabad Advance Mills Limited, The.—195/Bom/79. | |
| Aikoh Co., Ltd.—779/Cal/79. | |
| Akademie Der Wissenschaften Der DDR.—730/Cal/79. | |
| Akal Mechanical Works.—529/Del/79. | |
| Allegheny Ludlum Industries, Inc.—483/Del/79. | |
| Aluminium Pechiney.—484/Del/79. | |
| Ambre, A. B.—197/Bom/79. | |
| American Cyanamid Company.—769/Cal/79. | |
| Amsted Industries Incorporated.—/678/Cal/79, 742/Cal/79. | |
| Anaren Nicrowave, Incorporated.—502/Del/79. | |
| Appalachian Electronic Instruments, Inc. 777/Cal/79. | |
| Asea—Jumet S. A.—738/Cal/79. | |

(B)

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| BASF Aktiengesellschaft.—745/Cal/79. |
| Bachrecha, J. L.—131/Mas/79. |
| Balar, H.—131/Mas/79. |

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| CPC International Inc.—744/Cal/79. | |
| Capsugel AG —704/Cal/79. | |
| Celamerck GmbH & Co., KG.—752/Cal/79, 486/Del/79. | |
| Central Machine Tool Institute.—134/Mas/79. | |
| Central Tire & Rubber Company, The.—490/Del/79. | |
| Chaudhary, M. K.—481/Del/79. | |
| Chloride Group Limited.—732/Cal/79. | |
| Chougule, P. J.—212/Bom/79. | |
| Chourashia, G. P.—681/Cal/79. | |
| Combine "Sport".—733/Cal/79. | |
| Combustion Engineering, Inc.—706/Cal/79. | |
| Corning Glass Works.—771/Cal/79, 772/Cal/79. | |
| Council of Scientific and Industrial Research.—493/Del/79, 494/Del/79, 544/Del/79. | |
| (D) | |
| Dabir, U.—196/Bom/79, 482/Del/79. | |
| Dart Industries Inc. Davy International (Oil & Chemical Limited).—775/Cal/79. | |
| Delta Plastics Limited.—687/Cal/79. | |
| Deutsche Gold-Und Silver-Scheideanstalt Vormals Roessler.—707/Cal/79, 729/Cal/79. | |
| Director, Indian Institute of Technology, The—535/Del/79, 536/Del/79, 537/Del/79. | |
| Dorr-Oliver Incorporated.—501/Del/79, 523/Del/79. | |
| Dresser Industries, Inc.—498/Del/79. | |
| Dynamit Nobel Aktiengesellschaft.—792/Cal/79. | |

(E)

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| E.R. Squibb & Sons, Inc.—524/Del/79. |
| Elektro-Thermit GmbH.—726/Cal/79, 786/Cal/79. |
| Engelhard Minerals & Chemicals Corporation.—739/Cal/79. |
| Erani, H. K.—213/Bom/79. |
| Euteco S.P.A.—785/Cal/79. |

| Name | Appln No. | Name | Appln No. |
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| | (F) | | (K) |
| Fabryka Sprzetu Ratunkowego i Lamp Gorniczych FASER.—793/Cal/79. | | Kadappu, G. B.—128/Mas/79. | |
| Fichtel & Sachs AG.—797/Cal/79. | | Kalsur, S. L.—211/Bom/79. | |
| Fives-Cail Babcock.—737/Cal/79. | | Kamat, N. G.—751/Cal/79. | |
| Fletcher Sutcliffe Wild Limited.—491/Del/79, 503/Del/79. | | Karunaharan, M.—136/Mas/79. | |
| | (G) | Kashirsky, A. G.—682/Cal/79. | |
| G.D. Societa Per Azioni.—533/Del/79, 534/Del/79. | | Kennecott Copper Corporation.—780/Cal/79. | |
| Ganesan, R.—142/Mas/79. | | Kishore, N.—207/Bom/79. | |
| General Electric Company.—722/Cal/79. | | Konkan Chemicals Private Limited.—210/Bom/79. | |
| General Electric Company Ltd., The.—548/Del/79. | | Kunchithapadam, S.—132/Mas/79. | |
| General Superintendent, C.C.L., Central Workshops, Barkakan.—790/Cal/79. | | | (L) |
| General Tire & Rubber Company, The.—470/Del/79, 522/Del/79. | | Labofina, S. A.—757/Cal/79. | |
| Gerrand, H. J. F.—705/Cal/79. | | Lucas Industries Limited.—694/Cal/79, 720/Cal/79, 123/Mas/79, 124/Mas/79, 125/Mas/79, 126/Mas/79. | |
| Ghosh, B. B.—711/Cal/79. | | | (M) |
| Goodyear Tire & Rubber Company, The.—497/Del/79. | | Machines Chambon.—479/Del/79. | |
| Gowthaman, K.—130/Mas/79. | | Maschinen fabrik Augsburg-Nurnberg Aktiengesellschaft.—765/Cal/79. | |
| Great Canadian Oil Sands, Limited.—789/Cal/79. | | Maschinenfabrik Rieter A. G.—683/Cal/79, 684/Cal/79, 685/Cal/79, 686/Cal/79, 712/Cal/79, 718/Cal/79. | |
| Gulf Research & Development Company.—676/Cal/79, 677/Cal/79. | | Messwandler-Bau GMBH.—714/Cal/79. | |
| Gunzler, T.—761/Cal/79. | | Metal Box Limited.—691/Cal/79, 692/Cal/79, 693/Cal/79. | |
| Gupta, J. P. (Dr.).—542/Del/79. | | Metallgesellschaft A. G.—680/Cal/79, 688/Cal/79. | |
| | (H) | Murty, M. S.—140/Mas/79. | |
| Hegler, W.—674/Cal/79. | | Murty, M. V. J.—140/Mas/79. | |
| Hindustan Lever Limited.—206/Bom/79. | | | (N) |
| Hitachi Maxell Ltd.—713/Cal/79. | | Naik, D. S.—201/Bom/79. | |
| Hoechst Aktiengesellschaft.—672/Cal/79, 760/Cal/79. | | Nepolian, A.—129/Mas/79. | |
| Hussain, A.—795/Cal/79. | | Norton Company.—796/Cal/79. | |
| | (I) | Nuovo Pignone S.p.A.—673/Cal/79. | |
| Indian Institute of Science.—135/Mas/79. | | | (O) |
| Institut Francais DU Petrole.—700/Cal/79, 707/Cal/79. | | Oldham France S. A.—781/Cal/79. | |
| Iyer, S. G.—139/Mas/79. | | Olin Corporation.—527/Del/79. | |
| | (J) | Oregon Etablissement Fur Patentverwertung.—770/Cal/79. | |
| J. & E. Arnfield Limited.—528/Del/79. | | Ostawal, I. L.—131/Mas/79. | |
| Jain, G.—131/Mas/79. | | Otisca Industries Ltd.—540/Del/79. | |
| Jhangiani, V. G.—205/Bom/79. | | | (P) |
| John, S. (Mrs.).—204/Bom/79. | | Palitex Project-Company GMBH.—708/Cal/79, 753/Cal/79, 776/Cal/79. | |
| Johnson Corporation, The.—526/Del/79. | | Parashuram, M. Y.—199/Bom/79, 200/Bom/79. | |
| Johnson & Johnson.—679/Cal/79. | | Paul, S. N.—535/Del/79. | |
| | | Pei Nitrogenmuvek—723/Cal/79. | |
| | | Pfimex International.—121/Mas/79. | |

| <i>Name</i> | <i>Appln No.</i> | <i>Name</i> | <i>Appln No.</i> |
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| Politechnika Gdanska.—743/Cal/79. | | Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S. P. A.—717/Cal/79, 724/Cal/79. | |
| Wincentego Psiorowskiego Politechnika Slaska im.—762/Cal/79 | | Societe DE Paris ET DU Rhone.—758/Cal/79. | |
| Politechnika Warszawska.—749/Cal/79. | | Soft, K. (Dr.).—703/Cal/79. | |
| Produits Chimiques Ugine Kuhlmann.—508/Del/79, 509/Del/79. | | Solar Holdings S. A.—511/Del/79. | |
| (R) | | Spino International S. A.—500/Del/79. | |
| R & M Company.—520/Del/79. | | Stanadyne, Inc.—782/Cal/79. | |
| RSP Company.—754/Cal/79. | | Standard Electric Appliances Co.—138/Mas/79. | |
| Rajendran, A. (Mrs).—198/Bom/79. | | Standard Oil Company.—478/Del/79, 495/Del/79. | |
| Ram, B.—492/Del/79. | | Sterling Drug, Inc.—525/Del/79. | |
| Rao, C. L. S.—122/Mas/79. | | Sutle, J. N.—682/Cal/79. | |
| Redon Trust.—531/Del/79, 532/Del/79. | | Sumitomo Chemical Company Limited.—710/Cal/79, 735/Cal/79, 736/Cal/79, 740/Cal/79. | |
| Reichhold Limited.—480/Del/79. | | Swadeshi Cotton Mills.—136/Mas/79. | |
| Roebar Holdings (Netherlands Antilles) N. V.—510/Del/79. | | Swaminathan, S.—137/Mas/79. | |
| Rhone-Poulenc Industries.—750/Cal/79. | | (T) | |
| Ryazansk Radiotekhnichesky Institut.—773/Cal/79. | | Tata Hydro Electric Power Supply Co. Ltd., The.—203/Bom/79. | |
| (S) | | Territorialnoe Geologicheskoe Upravlenie Tsentralnykh Raionov.—755/Cal/79. | |
| Sandvik Aktiebolag.—731/Cal/79. | | Toraskar, N. N. (Mrs).—208/Bom/79. | |
| Sarabhai Research Centre.—209/Bom/79. | | Toyama Chemical Co. Ltd.—689/Cal/79, 747/Cal/79, 767/Cal/79. | |
| Sarkar, B. B.—727/Cal/79. | | Trofimov, D. N.—682/Cal/79. | |
| Schering Aktiengesellschaft.—507/Del/79. | | True Temper Corporation.—545/Del/79. | |
| Schlumberger Overseas S. A.—763/Cal/79. | | Trutzschler GMBH & Co. KG.—728/Cal/79, 756/Cal/79. | |
| Science Union Et Cie, Societe Francaise De Recherche Medicale.—499/Del/79, 547/Del/79. | | Tube Investments of India Ltd.—133/Mas/79. | |
| Sehgal Papers Limited.—539/Del/79. | | Tungabhadra Steel Products Limited.—141/Mas/79. | |
| Sethi, D. P.—543/Del/79. | | Tverskoi, D. N.—682/Cal/79. | |
| Severo-Zapadnoe Territorialnoe Geologicheskoe Upravlenie.—755/Cal/79. | | (U) | |
| Shell Internationale Research Maatschappij B. V.—515/Del/79, 516/Del/79, 517/Del/79, 518/Del/79, 519/Del/79, 538/Del/79. | | Ukrainsky Nauchno-Issledovatelsky Institut Mekhanizatsii Elektrifikatsii Selskogo Khozyaistva.—759/Cal/79, 774/Cal/79. | |
| Sherritt Gordon Mines Limited.—530/Del/79. | | Unicorn Industries Limited.—734/Cal/79. | |
| Shetty, M. N. (Dr.).—535/Del/79, 536/Del/79, 537/Del/79. | | Unie Van Kunstmetaalfabrieken B. V.—725/Cal/79. | |
| Shri Ambica Mills Limited.—202/Bom/79. | | Union Carbide Corporation.—764/Cal/79. | |
| Siemens-Albis Aktiengesellschaft.—485/Del/79. | | Union Carbide India Limited.—784/Cal/79. | |
| Sindhu, P.—127/Mas/79. | | | |
| Singh, S.—492/Del/79. | | | |
| Sinha, D. K.—695/Cal/79, 696/Cal/79, 697/Cal/79, 698/Cal/79, 699/Cal/79. | | | |
| Sintokogio IId.—768/Cal/79. | | | |
| Sir Padampat Research Centre.—546/Del/79. | | | |
| Smithkline Corporation.—702/Cal/79. | | | |
| Smith Kline & French Laboratories Limited.—489/Del/79. | | | |

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| (V) | | | |
| VEB Gaskombinat schwarze Pumpe.—787/Cal/79. | | Wesman Engineering Co., Ltd., The.—675/Cal/79. | |
| Voest-Alpine AG.—766/Cal/79. | | Western States Machine Company The.—788/Cal/79. | |
| Vosper Thornycroft (UK) Limited.—496/Del/79. | | Western States Machine Company, The —788/Cal/79, 79, 721/Cal/79, 746/Cal/79, 778/Cal/79. | |
| Vyzkumny Ustav Bautechniky.—741/Cal/79. | | Wood, D. E.—783/Cal/79. | |
| (W) | | | |
| Wang, F. R.—549/Del/79. | | S. VEDARAMAN Controller-General of Patents, Designs and Trade Marks. | |